BRUHAT BENGALURU MAHANAGARA PALIKE

EMB

1st And Part Bill

Measurement Sheet

Name of Work :- (Package No. 1 Consists of 5 Works) Improvements to Roads and Drains at MCEHS Layout 1st and 2nd phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and and Kaveri Nagara & Shirdi Sai Nagara in Ward no 06 and Surrounding areas in Byatarayanapura Division.

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BRUHATH BENGALURU MAHANAGARA PALIKE

Byatarayanpur Division

Name of Work : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and Shiridi Sai Nagara in Ward no 6 and Surrounding areas in Byatarayanapura Division. (Package-01)

MEASUREMENT BILL DETAILS

1st and Part Bill Recorded on- / /2023

Est Cost Rs :-1000.00 Lakhs

Job Number :- 006-23-000001 **Budget Head :- P-3877 Amruth Nagarothana**

Name of agency: M/s.A G Narayanaswamy Sri.A G Narayanaswamy, No.13, Venkateshwara Layout, Horamavu, Bengaluru-560043

AS No:- AS/EE(BTP)/37/2022-23 **D:14-11-2022**

TS No:- TS/CE(YNK)/33/2022-23 **D:01-07-2022**

Workorder No: BBMP/EE/BTP/WO/80/2022-23 **Date:22-12-2022**

Work Commencement Date:-

Work Completion Date:-

Sl No	Description of work	No	Dimensions L	B 1	B 2	B Avg	D	Qty	Unit	Rate	Amount
EMB - Measurement Continued Recorded On : / /2023											
1	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. (PWD SR 2021-22 Vol -I Pg No 5 item no 1.4.1)										
	Vide Total Executed Qty From PreMeasurement Page No: 01-12							2533.73			
							Total	2533.73	Cum		
							Schedule B Qty	1819.26			
							Previous Qty	0.00			
							To be Paid Now	2533.73			
							Upto 100%	1819.26		321.40	584710.16
							Upto 125%	454.82		321.40	146177.54
							Above 125%	259.65		321.39	83449.96

Assistant Engineer
Ward No. 05

Assistant Executive Engineer
Byatarayanpura Sub-Division

EMB - Measurement Continued Recorded On : / /2023											
2	Removing and Resetting of Footpath Slab and pointing in C.M (1:3)										
	Royal Enclave										
	1st main road (W2151)										
	LHS (L-218.25)	1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	12.30	0.90	0.90	0.90		11.07			
		1	18.20	0.90	0.90	0.90		16.38			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.95	0.90	0.90	0.90		14.36			

136.31

SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

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Sl No	Description of work	No	Dimensions					Qty	Unit	Rate	Amount
			L	B 1	B 2	B Avg	D				
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	6.80	0.90	0.90	0.90		6.12			
	RHS (L-150.70)	1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.95	0.90	0.90	0.90		14.36			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	14.75	0.90	0.90	0.90		13.28			
	2nd main rd (W2149)										
	LHS (L-74.3)	1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	14.30	0.90	0.90	0.90		12.87			
	RHS (L-119.6)	1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	14.60	0.90	0.90	0.90		13.14			
	Culvert	2	5.50	1.50	1.50	1.50		16.50			
	5th cross										
	Culvert	4	5.20	1.50	1.50	1.50		31.20			
	Manjunath Layout ನಿಂದ ಅಭಿವೃದ್ಧಿಪಡಿಸಿದ										
	Cross Road 1 (W0261) ಕ್ರಾಸ್ ರೋಡ್ 1 (W0261)										
	LHS (L-122.50)	1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	2.50	0.90	0.90	0.90		2.25			
	RHS (L-122.50)	1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	2.50	0.90	0.90	0.90		2.25			
	Cross Road 3 (W0261)										
	LHS (L-61.70)	1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	1.70	0.90	0.90	0.90		1.53			
	Culverts	1	6.50	1.20	1.20	1.20		7.80			
		1	6.80	1.20	1.20	1.20		8.16			
	RHS (L-119.80)	1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			

736.95

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Sl No	Description of work	No	Dimensions L	B 1	B 2	B Avg	D	Qty	Unit	Rate	Amount
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.1	0.90	0.90	0.90		13.59			
		1	15.0	0.90	0.90	0.90		13.50			
		1	15.0	0.90	0.90	0.90		13.50			
		1	14.7	0.90	0.90	0.90		13.23			
	Culverts	1	7.5	1.20	1.20	1.20		9.00		89.82	
							Total	963.08	Sqm		
							BOQ QTY	1920.79			
							Previous Qty	0.00			217463.00
							To be Paid Now	963.08		225.80	217462.34

8/11/23

Assistant Engineer
Ward No. 05
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer
Byatarayanpura Sub Division
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-26

EMB - Measurement Continued Recorded On : / /2023

3	Providing B S slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete. as directed by the Engineer in Charge of the work (excluding GST and Area Leading Charges)										
	Vide Total Executed Qty From Pre Measurement Pg No: 12-14							1238.15			
							Total	1238.15	Sqm		
							BOQ QTY	1358.86			
							Previous Qty	0.00			
							To be Paid Now	1238.15		804.40	995967.86

Assistant Engineer
Ward No. 05
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer
Byatarayanpura Sub Division
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-26

EMB - Measurement Continued Recorded On : / /2023

4	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (PWD SR 2021-22 Vol -I Pg 15 item no 2.1.3)										
	Vide Total Executed Qty From Pre Measurement Pg No: 14-16							130.92			
							Total	130.92	Cum		
							BOQ QTY	93.56			
							Previous Qty	0.00			
							To be Paid Now	130.92			
							Upto 100%	93.56		6080.20	568863.51
							Upto 125%	23.39		6080.20	142215.88
							Above 125%	13.97		6081.07	84982.22

84953.00

Assistant Engineer
Ward No. 05
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer
Byatarayanpura Sub Division
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-26

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Sl No	Description of work	No	Dimensions L	B 1	B 2	B Avg	D	Qty	Unit	Rate	Amount
EMB - Measurement Continued Recorded On : / /2023											
5	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately) (PWD SR 2021-22 Vol -I Pg 17 item no 2.4.2)										
	Vide Total Executed Qty From Pre Measurement Pg No: 16-19							252.35			
							Total	252.35	Cum		
							BOQ QTY	228.32			
							Previous Qty	0.00			
							To be Paid Now	252.35			
							Upto 100%	228.32		6943.20	1585271.42
							Upto 125%	24.03		6943.20	166864.02
							Above 125%				

Assistant Engineer
Ward No. 05

Assistant Executive Engineer
Byatarayanpura Sub Division

SL No	Description	Dia of Bar in MM	No	Length in M	8 MM	10 MM	12 MM				
6	Supplying, Bending and Placing in coated TMT bar Reinforcement in sub-structure complete as per Drawing andTechnical Specifications. MORTH Specification NO.1600&2200 (PWD SR 2021-22 Vol -III Pg 99 item no 13.1)										
	Vide Total Executed Qty From Pre Measurement Pg No: 19-21							16.46			
							Total	16.46	Tn		
							BOQ QTY	15.03			
							Previous Qty	0.00			
							To be Paid Now	16.46			
							Upto 100%	15.03		109229.10	1641713.37
							Upto 125%	1.43		109229.10	156239.75
							Above 125%				156197.00

Assistant Engineer
Ward No. 05

Assistant Executive Engineer
Byatarayanpura Sub Division

EMB - Measurement Continued Recorded On : / /2023

7	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick made of M25 with OPC cement @ 340kgs per Cum with 20 mm and Down size graded granite metal coarse agg @.70 mixed including providing and removing centering, shuttering, shuttering propping etc. for edges of slabs with TMT (Fe500) COM, labor, labor, all Lead and Lift, HOM, Curing, including Cost of reinf. Etc, Complete as directed by the Engineer In charge of Work (Data Rate)										
	For New Drain										
	3rd A Cross road (Petrol Bunk Road)(W0166)										
	RHS (L-53.40)	1	15.00	0.90	0.90	0.90		13.50			
		1	12.60	0.90	0.90	0.90		11.34			
		1	15.00	0.90	0.90	0.90		13.50			
		1	10.80	0.90	0.90	0.90		9.72			
								48.06			

SHRIRAMA Consulting Engg. Pvt. Ltd. Bangalore

Assistant Executive Engineer

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Sl No	Description of work	No	Dimensions					Qty	Unit	Rate	Amount
			L	B 1	B 2	B Avg	D				
	LHS (L-130.05)	1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	1.75	0.90	0.90	0.90		1.58			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	7.10	0.90	0.90	0.90		6.39			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	5.80	0.90	0.90	0.90		5.22			
		1	15.00	0.90	0.90	0.90		13.50			
		1	10.40	0.90	0.90	0.90		9.36			
	Bhagat Enclave										
	LHS (WE347)(L-50.30)	1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	5.30	0.90	0.90	0.90		4.77			
	MCHS Layout										
	MCHS Layout (W1008)										
	RHS (L-144.00)	1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	9.00	0.90	0.90	0.90		8.10			
	Royal Enclave										
	Telecom Layout (W2113)(12TH Cross)										
	LHS (L-28.00)	1	15.00	0.90	0.90	0.90		13.50			
		1	13.00	0.90	0.90	0.90		11.70			
	RHS (L-59.50)	1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	14.50	0.90	0.90	0.90		13.05			
	Basvalingappa Layout										
	3rd cross road (W2011) (L-84.90)	1	15.00	0.75	0.75	0.75		11.25			
		1	15.00	0.75	0.75	0.75		11.25			
		1	15.00	0.75	0.75	0.75		11.25			
		1	14.60	0.75	0.75	0.75		10.95			
		1	15.00	0.75	0.75	0.75		11.25			
		1	10.30	0.75	0.75	0.75		7.73			
	2nd cross road (W2013)(L-59.10)	1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	15.00	0.90	0.90	0.90		13.50			
		1	14.10	0.90	0.90	0.90		12.69			
	Basvalingappa Layout	1	15.0	0.75	0.75	0.75		11.25			
		1	10.0	0.75	0.75	0.75		7.50			
							Total	554.34	Sqm		
							BOQ QTY	493.92			
							Previous Qty	0.00			
							To be Paid Now	554.34			
							Upto 100%	493.92		1991.20	983493.50
							Upto 125%	60.42		1991.20	120308.30
							Above 125%				

4/3/23

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Sl No	Description of work	No	Dimensions L	B 1	B 2	B Avg	D	Qty	Unit	Rate	Amount
	Assistant Engineer							Assistant Executive Engineer			
	Ward No. 05							Dyntarayanpura Sub Division			
	EMB - Measurement Continued Recorded On : / /2023										
8	Providing and Fixing pre cast covering Slab 230mm thick made out of CC 1:1.5:3 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge										
	For Culverts										
	3rd A Cross road (Petrol Bunk Road)(W0166)										
	RHS										
		1	6.90	1.20	1.20	1.20		8.28			
		1	7.40	1.20	1.20	1.20		8.88			
	LHS										
		1	9.25	1.20	1.20	1.20		11.10			
		1	5.80	1.20	1.20	1.20		6.96			
		1	8.00	1.20	1.20	1.20		9.60			
	Bhagat Enclave										
		1	6.10	1.20	1.20	1.20		7.32			
	MCEHS Layout										
	3rd cross	1	7.60	1.20	1.20	1.20		9.12			
	2nd cross	1	7.85	1.20	1.20	1.20		9.42			
	2nd cross	1	7.00	1.20	1.20	1.20		8.40			
	Royal Enclave										
	For Culverts										
	Telecom Layout										
		1	7.65	1.20	1.20	1.20		9.18			
	Royal Enclave										
		1	12.90	1.50	1.50	1.50		19.35			
	Telecom Layout 14th cross										
		1	12.60	1.80	1.80	1.80		22.68			
	Basavalingappa Layout										
	Culverts										
	1st A cross	1	7.85	1.50	1.50	1.50		11.78			
	Ro plant	1	7.45	1.50	1.50	1.50		11.18			
		1	3.70	1.20	1.20	1.20		4.44			
		1	2.50	1.20	1.20	1.20		3.00			
		1	3.65	1.20	1.20	1.20		4.38			
		1	3.65	1.20	1.20	1.20		4.38			
		1	1.80	1.20	1.20	1.20		2.16			
		1	4.90	1.20	1.20	1.20		5.88			
		1	3.00	1.50	1.50	1.50		4.50			
		1	1.80	1.50	1.50	1.50		2.70			
		1	2.40	1.50	1.50	1.50		3.60			
		1	4.20	1.50	1.50	1.50		6.30			
		1	3.60	1.50	1.50	1.50		5.40			
		1	3.00	1.50	1.50	1.50		4.50			
		1	3.00	1.50	1.50	1.50		4.50			
	3rd A cross	1	6.00	1.50	1.50	1.50		9.00			
	2nd A Cross	1	4.80	1.50	1.50	1.50		7.20			
	5th B Cross	1	6.00	1.50	1.50	1.50		9.00			
	5th A cross	1	5.40	1.20	1.20	1.20		6.48			
	6th A cross	1	4.80	1.50	1.50	1.50		7.20			

247.86

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Sl No	Description of work	No	Dimensions L	B 1	B 2	B Avg	D	Qty	Unit	Rate	Amount
	Main road	1	7.80	1.50	1.50	1.50		11.70			
	Basavalingappa Layout	1	4.10	1.20	1.20	1.20		4.92		1662	
							Total	264.48	Sqm		
							BOQ QTY	115.20			
							Previous Qty	0.00			
							To be Paid Now	264.48			
							Upto 100%	115.20		4840.60	557637.12
							Upto 125%	28.80		4840.60	139409.28
							Above 125%	120.48		4841.06	583250.99

6/3/23

Assistant Engineer
Ward No. 05

Assistant Executive Engineer
Byatarayanpura Sub Division

9 Removing and refixing stone slabs of drains and pointing in CM (1:3) (PWD SR 2018-2019 T.No-27.1

	Vide Total Executed Qty From Pre Measurement Pg No: 21-24							2889.02			
							Total	2889.02	Sqm		
							BOQ QTY	2849.31			
							Previous Qty	0.00			
							To be Paid Now	2889.02			
							Upto 100%	2849.31		107.00	304876.17
							Upto 125%	39.71		107.00	4248.47
							Above 125%				

Assistant Engineer
Ward No. 05

Assistant Executive Engineer
Byatarayanpura Sub Division

ASPHALT ROADS

EMB - Measurement Continued Recorded On : / /2023

10 Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work. In all kinds of soils upto 300 mm depth. (PWD SR 21-22 Vol I Pg no 8 Item No 1.12)

	Vide Total Executed Qty From Pre Measurement Pg No: 25-35							6196.40			
							Total	6196.40	Cum		
							BOQ QTY	9029.56			
							Previous Qty	0.00			
							To be Paid Now	6196.40			
							Upto 100%	6196.40		274.80	1702770.46
							Upto 125%				
							Above 125%				

Assistant Engineer
Ward No. 05

Assistant Executive Engineer
Byatarayanpura Sub Division

PRAMA Consulting Engineers Pvt. Ltd. Bangalore

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Sl No	Description of work	No	Dimensions L	B 1	B 2	B Avg	D	Qty	Unit	Rate	Amount
EMB - Measurement Continued Recorded On : / /2023											
11	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification includingpremixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density MORTH Specification No. 406 (PWD SR 21-22 Vol III Pg no 24 Item No 4.27 (A))										
	Vide Total Executed Qty From Pre Measurement Pg No: 36-43 44							5409.76			
							Total	5409.76	Cum		
							BOQ QTY	7845.88			
							Previous Qty	0.00			
							To be Paid Now	5409.76			13690480.00
							Upto 100%	5409.76		2530.70	13690471.73
							Upto 125%				
							Above 125%				

Assistant Engineer
Ward No. 05

Assistant Executive Engineer
Byatarayanpura Sub Division

Sl No	Description of work	No	Dimensions L	B 1	B 2	B Avg	D	Qty	Unit	Rate	Amount
EMB - Measurement Continued Recorded On : / /2023											
12	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means MORTH Specification No. 502 (PWD SR 21-22 Vol III Pg no 29 Item No 5.1 A (i))										
	Vide Total Executed Qty From Pre Measurement Pg No: 44-51										
							Total	23310.10	Sqm		
							BOQ QTY	35386.52			
							Previous Qty	0.00			
							To be Paid Now	23310.10			1083919.65
							Upto 100%	23310.10		46.50	
							Upto 125%				
							Above 125%				

Assistant Engineer
Ward No. 05

Assistant Executive Engineer
Byatarayanpura Sub Division

Sl No	Description of work	No	Dimensions L	B 1	B 2	B Avg	D	Qty	Unit	Rate	Amount
EMB - Measurement Continued Recorded On : / /2023											
13	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom.(V-III, P.No-29,I No-5.3(i) of PWD SR 2021-22).										
	Vide Total Executed Qty From Pre Measurement Pg No: 51-58 59							22818.90			
							Total	22818.90	Sqm		
							29747.77 BOQ QTY	40586.42			
							Previous Qty	0.00			
							To be Paid Now	22818.90		12.70	289800.03

Assistant Engineer
Ward No. 05

Assistant Executive Engineer
Byatarayanpura Sub Division

SHIPRIMA Consulting Engineers Pvt. Ltd. Bangalore

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Sl No	Description of work	No	Dimensions L	B 1	B 2	B Avg	D	Qty	Unit	Rate	Amount
EMB - Measurement Continued Recorded On : / /2023											
14	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of Specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects (PWD SR 21-22 Vol III Pg no 33 Item No 5.12 (C))										
	Vide Total Executed Qty From Pre Measurement Pg No: 58-61 59-66						Total	932.35	Cum		
							BOQ QTY	1769.33			
							Previous Qty	0.00			9746507.00
							To be Paid Now	932.35		10453.70	9746494.10

Assistant Engineer
Ward No. 05

Assistant Executive Engineer
Dasarahalli Sub Division

EMB - Measurement Continued Recorded On : / /2023

15	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade,level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects (PWD SR 21-22 Vol III Pg no 36 Item No 5.16)										
	3rd A Cross road (Petrol Bunk Road)(W0166) L-339.20M										
		1	15.00	6.00	4.75	5.38	0.04	3.23			
		1	15.00	4.75	4.70	4.73	0.04	2.84			
		1	15.00	4.70	4.70	4.70	0.04	2.82			
		1	15.00	4.70	4.80	4.75	0.04	2.85			
		1	15.00	4.80	4.70	4.75	0.04	2.85			
		1	15.00	4.70	5.50	5.10	0.04	3.06			
		1	15.00	5.50	5.80	5.65	0.04	3.39			
		1	15.00	5.80	5.85	5.83	0.04	3.50			
		1	15.00	5.85	5.75	5.80	0.04	3.48			
		1	15.00	5.75	5.80	5.78	0.04	3.47			
		1	15.00	5.80	5.70	5.75	0.04	3.45			
		1	15.00	5.70	6.10	5.90	0.04	3.54			
		1	15.00	6.10	6.50	6.30	0.04	3.78			
		1	15.00	6.50	6.25	6.38	0.04	3.83			
		1	15.00	6.25	6.50	6.38	0.04	3.83			
		1	15.50	6.50	6.55	6.53	0.04	4.05			
		1	15.00	5.60	5.55	5.58	0.04	3.35			
		1	15.00	5.55	5.60	5.58	0.04	3.35			
		1	15.00	5.60	6.00	5.80	0.04	3.48			
		1	15.00	6.00	6.20	6.10	0.04	3.66			
		1	15.00	6.20	5.85	6.03	0.04	3.62			
		1	15.00	5.85	5.30	5.58	0.04	3.35			
		1	8.70	5.30	5.50	5.40	0.04	1.88			
	Deduction for Manhole	-1	0.64				0.04	-0.03			
	BSF STF Layout										
	Shirdi sai temple road (L-110.80)(W0032)										
		1	15.00	6.65	6.45	6.55	0.04	3.93			
		1	15.00	6.45	6.55	6.50	0.04	3.90			
		1	15.00	6.55	6.90	6.73	0.04	4.04			
		1	15.00	6.90	6.50	6.70	0.04	4.02			

92.46

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Sl No	Description of work	No	Dimensions					Qty	Unit	Rate	Amount
			L	B 1	B 2	B Avg	D				
		1	15.00	6.50	6.90	6.70	0.04	4.02			
		1	15.00	6.90	6.40	6.65	0.04	3.99			
		1	15.00	6.40	5.90	6.15	0.04	3.69			
		1	5.80	5.90	5.95	5.93	0.04	1.37			
	Deduction for OFC Chamber	-1	1.15	1.35	1.35	1.35	0.04	-0.06			
	MCEHS Layout										
	4th crs (L-75.60)										
		1	15.00	7.50	7.90	7.70	0.04	4.62			
		1	15.00	7.90	7.35	7.63	0.04	4.58			
		1	15.00	7.35	7.50	7.43	0.04	4.46			
		1	15.00	7.50	7.40	7.45	0.04	4.47			
		1	15.60	7.40	8.80	8.10	0.04	5.05			
	Extra infront of home										
		1	4.20	0.55	0.55	0.55	0.04	0.09			
		1	1.00	2.70	2.75	2.73	0.04	0.11			
		1	1.10	1.70	1.75	1.73	0.04	0.08			
		1	0.70	2.20	2.20	2.20	0.04	0.06			
	5th crs (L-68.00)										
		1	15.00	7.50	7.35	7.43	0.04	4.46			
		1	15.00	7.35	7.15	7.25	0.04	4.35			
		1	15.00	7.15	7.35	7.25	0.04	4.35			
		1	15.00	7.35	7.20	7.28	0.04	4.37			
		1	8.00	7.20	8.70	7.95	0.04	2.54			
	6th crs (L-108.10)	1	15.00	5.50	5.10	5.30	0.04	3.18			
		1	15.00	5.10	5.70	5.40	0.04	3.24			
		1	15.00	5.70	5.00	5.35	0.04	3.21			
		1	15.00	5.00	5.15	5.08	0.04	3.05			
		1	15.00	5.15	5.25	5.20	0.04	3.12			
		1	15.00	5.25	5.95	5.60	0.04	3.36			
		1	15.00	5.95	7.60	6.78	0.04	4.07			
		1	3.10	7.60	7.75	7.68	0.04	0.95			
	Deduction for Manhole	-3			0.64		0.04	-0.08			
	2nd cross (L-125.50)										
		1	15.00	6.60	6.30	6.45	0.04	3.87			
		1	15.00	6.30	5.50	5.90	0.04	3.54			
		1	15.00	5.50	5.80	5.65	0.04	3.39			
		1	15.00	5.80	5.90	5.85	0.04	3.51			
		1	15.00	5.90	5.55	5.73	0.04	3.44			
		1	15.00	5.55	5.35	5.45	0.04	3.27			
		1	15.00	5.35	5.40	5.38	0.04	3.23			
		1	10.50	5.40	5.40	5.40	0.04	2.27			
		1	10.00	5.40	5.30	5.35	0.04	2.14			
	3rd crs (L-81.90)										
		1	15.00	7.25	6.95	7.10	0.04	4.26			
		1	15.00	6.95	7.50	7.23	0.04	4.34			
		1	15.00	7.50	8.45	7.98	0.04	4.79			
		1	11.50	8.45	8.40	8.43	0.04	3.88			
		1	3.50	8.40	7.10	7.75	0.04	1.09			
		1	15.00	7.10	7.45	7.28	0.04	4.37			
		1	6.90	7.45	7.45	7.45	0.04	2.06			
	1st crs cross(Connecting road) (L-94.20)										
		1	15.00	6.10	4.95	5.53	0.04	3.32			
		1	15.00	4.95	5.60	5.28	0.04	3.17			
		1	15.00	5.60	5.50	5.55	0.04	3.33			
		1	15.00	5.50	5.55	5.53	0.04	3.32			

147.82

RAMA Consulting Engineers Bangalore

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Sl No	Description of work	No	Dimensions					Qty	Unit	Rate	Amount
			L	B 1	B 2	B Avg	D				
		1	15.00	5.55	5.60	5.58	0.04	3.35			
		1	15.00	5.60	5.60	5.60	0.04	3.36			
		1	4.20	5.60	5.60	5.60	0.04	0.94			
	Vinayak Nagara										
	From 8th cross to 6th cross (L-79.55) (W0076)										
		1	15.00	4.60	5.50	5.05	0.04	3.03			
		1	15.00	5.50	4.90	5.20	0.04	3.12			
		1	15.00	4.90	5.40	5.15	0.04	3.09			
		1	15.00	5.40	5.20	5.30	0.04	3.18			
		1	15.00	5.20	4.85	5.03	0.04	3.02			
		1	4.55	4.85	4.65	4.75	0.04	0.86			
	Extra ramp										
		1	1.00	5.00	5.00	5.00	0.04	0.20			
	Pot holes	1	1.00	2.20	2.20	2.20	0.04	0.09			
		1	2.30	2.80	2.80	2.80	0.04	0.26			
	Shivapur L Shape -1 (L-131.80) (WA235)										
		1	15.00	5.40	4.90	5.15	0.04	3.09			
		1	15.00	4.90	4.90	4.90	0.04	2.94			
		1	15.00	4.90	4.75	4.83	0.04	2.90			
		1	15.00	4.75	4.90	4.83	0.04	2.90			
		1	15.00	4.90	5.05	4.98	0.04	2.99			
		1	15.00	5.05	5.05	5.05	0.04	3.03			
		1	15.00	5.05	5.00	5.03	0.04	3.02			
		1	2.90	5.00	5.05	5.03	0.04	0.58			
		1	15.00	5.80	6.15	5.98	0.04	3.59			
		1	8.90	6.15	6.55	6.35	0.04	2.26			
	Shivapur L Shape -2 (L-97.75) (WA247)										
		1	15.00	6.15	5.95	6.05	0.04	3.63			
		1	15.00	5.95	5.90	5.93	0.04	3.56			
		1	15.00	5.90	6.00	5.95	0.04	3.57			
		1	15.00	6.00	5.70	5.85	0.04	3.51			
		1	9.90	5.70	6.30	6.00	0.04	2.38			
		1	15.00	6.05	5.95	6.00	0.04	3.60			
		1	12.85	5.95	5.50	5.73	0.04	2.94			
	Kuvempunagar (L-503.40) (W0259)										
		1	15.00	6.75	6.70	6.73	0.04	4.04			
		1	15.00	6.70	6.60	6.65	0.04	3.99			
		1	15.00	6.60	6.50	6.55	0.04	3.93			
		1	15.00	6.50	6.20	6.35	0.04	3.81			
		1	15.00	6.20	6.30	6.25	0.04	3.75			
		1	15.00	6.30	6.35	6.33	0.04	3.80			
		1	15.00	6.35	6.70	6.53	0.04	3.92			
		1	15.00	6.70	6.35	6.53	0.04	3.92			
		1	15.00	6.35	6.60	6.48	0.04	3.89			
		1	15.00	6.60	7.00	6.80	0.04	4.08			
		1	15.00	7.00	6.55	6.78	0.04	4.07			
		1	15.00	6.55	6.55	6.55	0.04	3.93			
		1	15.00	6.55	6.50	6.53	0.04	3.92			
		1	15.00	6.50	6.55	6.53	0.04	3.92			
		1	15.00	6.55	6.50	6.53	0.04	3.92			
		1	15.00	6.50	6.35	6.43	0.04	3.86			
		1	15.00	6.35	6.40	6.38	0.04	3.83			
		1	15.00	6.40	6.60	6.50	0.04	3.90			
		1	15.00	6.60	6.60	6.60	0.04	3.96			
		1	15.00	6.60	6.65	6.63	0.04	3.98			
		1	15.00	6.65	6.40	6.53	0.04	3.92			
		1	15.00	6.40	6.45	6.43	0.04	3.86			

161.08

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Sl No	Description of work	No	Dimensions L	B 1	B 2	B Avg	D	Qty	Unit	Rate	Amount
		1	15.00	6.45	6.50	6.48	0.04	3.89			
		1	15.00	6.50	6.20	6.35	0.04	3.81			
		1	15.00	6.20	4.95	5.58	0.04	3.35			
		1	15.00	4.95	5.40	5.18	0.04	3.11			
		1	15.00	5.40	5.40	5.40	0.04	3.24			
		1	15.00	5.40	5.10	5.25	0.04	3.15			
		1	15.00	5.10	5.65	5.38	0.04	3.23			
		1	15.00	5.65	5.20	5.43	0.04	3.26			
		1	15.00	5.20	5.30	5.25	0.04	3.15			
		1	15.00	5.30	5.40	5.35	0.04	3.21			
		1	10.80	5.40	5.60	5.50	0.04	2.38			
		1	12.60	5.60	5.60	5.60	0.04	2.82			
	Royal Enclave										
	1st main road (W2151) (L-248.95)										
		1	15.00	12.10	9.90	11.00	0.04	6.60			
		1	15.70	9.90	9.60	9.75	0.04	6.12			
		1	15.00	9.45	9.15	9.30	0.04	5.58			
		1	15.00	9.15	10.20	9.68	0.04	5.81			
		1	15.00	10.20	10.55	10.38	0.04	6.23			
		1	12.30	10.55	9.85	10.20	0.04	5.02			
		1	18.20	10.15	9.10	9.63	0.04	7.01			
		1	15.00	8.60	8.70	8.65	0.04	5.19			
		1	15.00	8.70	9.25	8.98	0.04	5.39			
		1	15.00	9.25	8.50	8.88	0.04	5.33			
		1	15.00	8.50	8.35	8.43	0.04	5.06			
		1	15.95	8.35	8.20	8.28	0.04	5.28			
		1	15.00	7.95	5.90	6.93	0.04	4.16			
		1	15.00	5.90	5.85	5.88	0.04	3.53			
		1	15.00	5.85	5.70	5.78	0.04	3.47			
		1	15.00	5.70	5.65	5.68	0.04	3.41			
		1	6.80	5.60	6.30	5.95	0.04	1.62			
	Cross road connection	1	3.20	6.20	4.60	5.40	0.04	0.69			
		1	7.20	2.20	2.20	2.20	0.04	0.63			
	Infront of home	1	1.60	6.55	6.55	6.55	0.04	0.42			
		1	15.20	0.65	0.65	0.65	0.04	0.40			
	Deduction for Manhole	-3			0.64		0.04	-0.08			
	OFC Chambers	-4	0.60	0.90	0.90	0.90	0.04	-0.09			
	2nd main road (W2149) (L-151.20)										
		1	15.00	6.60	6.10	6.35	0.04	3.81			
		1	15.00	6.10	5.85	5.98	0.04	3.59			
		1	15.00	5.85	5.75	5.80	0.04	3.48			
		1	15.00	5.75	5.80	5.78	0.04	3.47			
		1	15.00	5.80	5.70	5.75	0.04	3.45			
		1	15.00	5.70	6.20	5.95	0.04	3.57			
		1	15.00	6.20	5.75	5.98	0.04	3.59			
		1	15.00	5.75	5.70	5.73	0.04	3.44			
		1	15.00	5.70	5.35	5.53	0.04	3.32			
		1	16.20	5.35	6.10	5.73	0.04	3.71			
	Infront of home	1	5.00	0.30	0.30	0.30	0.04	0.06			
	5th cross road (W2178) (L-287.80)										
		1	15.00	7.30	5.40	6.35	0.04	3.81			
		1	15.00	5.40	5.40	5.40	0.04	3.24			
		1	15.00	5.40	5.25	5.33	0.04	3.20			
		1	15.00	5.25	5.10	5.18	0.04	3.11			
		1	15.00	5.10	5.00	5.05	0.04	3.03			
		1	15.00	5.00	5.25	5.13	0.04	3.08			
		1	15.00	5.25	5.20	5.23	0.04	3.14			
		1	15.00	5.20	6.30	5.75	0.04	3.45			

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Sl No	Description of work	No	Dimensions					Qty	Unit	Rate	Amount
			L	B 1	B 2	B Avg	D				
		1	15.00	6.30	5.20	5.75	0.04	3.45			
		1	15.00	5.20	5.15	5.18	0.04	3.11			
		1	15.00	5.15	5.20	5.18	0.04	3.11			
		1	15.00	5.20	5.25	5.23	0.04	3.14			
		1	15.00	5.25	5.15	5.20	0.04	3.12			
		1	15.00	5.15	6.45	5.80	0.04	3.48			
		1	15.00	6.45	6.10	6.28	0.04	3.77			
		1	15.00	6.10	6.15	6.13	0.04	3.68			
		1	15.00	6.15	7.10	6.63	0.04	3.98			
		1	15.00	7.10	6.50	6.80	0.04	4.08			
		1	17.80	6.50	7.30	6.90	0.04	4.91			
	Dead end road (W2225) (L-176.70)										
		1	15.00	6.40	6.40	6.40	0.04	3.84			
		1	15.00	6.40	5.60	6.00	0.04	3.60			
		1	15.00	5.60	5.75	5.68	0.04	3.41			
		1	15.00	5.75	5.75	5.75	0.04	3.45			
		1	15.00	5.75	5.70	5.73	0.04	3.44			
		1	15.00	5.70	6.00	5.85	0.04	3.51			
		1	15.00	6.00	5.45	5.73	0.04	3.44			
		1	15.00	5.45	6.00	5.73	0.04	3.44			
		1	12.50	6.00	7.00	6.50	0.04	3.25			
		1	15.00	6.45	4.65	5.55	0.04	3.33			
		1	15.00	4.65	4.80	4.73	0.04	2.84			
		1	14.20	4.80	5.80	5.30	0.04	3.01			
	Manjunath Layout - Cross road 1 (W0261) (L-122.50)										
		1	15.00	5.60	5.85	5.73	0.04	3.44			
		1	15.00	5.85	6.00	5.93	0.04	3.56			
		1	15.00	6.00	6.45	6.23	0.04	3.74			
		1	15.00	6.45	6.45	6.45	0.04	3.87			
		1	15.00	6.45	6.60	6.53	0.04	3.92			
		1	15.00	6.60	6.65	6.63	0.04	3.98			
		1	15.00	6.65	6.60	6.63	0.04	3.98			
		1	15.00	6.60	6.50	6.55	0.04	3.93			
		1	2.50	6.50	6.50	6.50	0.04	0.65			
	Cross road 2 (W0265) (L-132.00)										
		1	15.00	6.80	7.60	7.20	0.04	4.32			
		1	15.00	7.60	6.80	7.20	0.04	4.32			
		1	15.00	6.80	6.70	6.75	0.04	4.05			
		1	15.00	6.70	6.55	6.63	0.04	3.98			
		1	15.00	6.55	6.50	6.53	0.04	3.92			
		1	15.00	6.50	6.55	6.53	0.04	3.92			
		1	15.00	6.55	6.90	6.73	0.04	4.04			
		1	15.00	6.90	6.80	6.85	0.04	4.11			
		1	12.00	6.80	7.15	6.98	0.04	3.35			
	OFC Chambers	-1	0.60	0.90	0.90	0.90	0.04	-0.02			
	Cross road 3 (W0261) (L-123.75)										
		1	15.00	7.50	7.45	7.48	0.04	4.49			
		1	15.00	7.45	7.60	7.53	0.04	4.52			
		1	15.00	7.60	7.50	7.55	0.04	4.53			
		1	16.10	7.50	7.60	7.55	0.04	4.86			
		1	13.95	7.70	7.50	7.60	0.04	4.24			
		1	15.00	6.70	6.30	6.50	0.04	3.90			
		1	15.00	6.30	6.35	6.33	0.04	3.80			
		1	14.70	6.35	7.65	7.00	0.04	4.12			
		1	4.00	5.30	5.10	5.20	0.04	0.83			
	Deduction for Manhole	-1	0.64				0.04	-0.03			

182.60

SHRIRAMA Consultants Bangalore Pvt. Ltd.

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Sl No	Description of work	No	Dimensions L	B 1	B 2	B Avg	D	Qty	Unit	Rate	Amount
	OFC Chambers	-1	0.60	0.90	0.90	0.90	0.04	-0.02			
	Kalidasa Layout										
	Cross road 1 (W0347) (L-115.20)										
		1	15.00	6.20	6.05	6.13	0.04	3.68			
		1	15.00	6.05	5.95	6.00	0.04	3.60			
		1	15.00	5.95	6.60	6.28	0.04	3.77			
		1	15.00	6.60	5.80	6.20	0.04	3.72			
		1	15.00	5.80	6.00	5.90	0.04	3.54			
		1	15.00	6.00	6.20	6.10	0.04	3.66			
		1	15.00	6.20	5.90	6.05	0.04	3.63			
		1	10.20	5.90	6.20	6.05	0.04	2.47			
	Cross road 2 (W0347) (L-27.90)	1	15.00	5.60	5.10	5.35	0.04	3.21			
		1	12.90	5.10	5.70	5.40	0.04	2.79			
	Infront of home	1	3.20	1.00	1.00	1.00	0.04	0.13			
	Bhagat Enclave										
	Cross road 1 (L-94.80)										
		1	15.00	6.10	5.90	6.00	0.04	3.60			
		1	15.00	5.90	5.90	5.90	0.04	3.54			
		1	15.00	5.90	6.20	6.05	0.04	3.63			
		1	15.00	6.20	6.25	6.23	0.04	3.74			
		1	15.00	6.25	6.60	6.43	0.04	3.86			
		1	15.00	6.60	5.90	6.25	0.04	3.75			
		1	4.80	5.90	5.90	5.90	0.04	1.13			
	Infront of home	1	5.10	1.50	1.50	1.50	0.04	0.31			
		1	4.70	0.45	0.45	0.45	0.04	0.08			
		1	5.10	0.80	0.80	0.80	0.04	0.16			
	Basavalingappa layout										
	1st B Cross (W1110)(L-69.80)										
		1	15.00	7.50	7.90	7.70	0.04	4.62			
		1	15.00	7.90	7.35	7.63	0.04	4.58			
		1	15.00	7.35	7.50	7.43	0.04	4.46			
		1	15.00	7.50	7.40	7.45	0.04	4.47			
		1	9.80	7.40	8.80	8.10	0.04	3.18			
	Extra road	1	2.70	2.80	2.80	2.80	0.04	0.30			
	Deduction for Manhole	-1			0.64		0.04	-0.03			
	Ro Plant road (L-153.30)(W1108)										
		1	15.00	7.00	5.45	6.23	0.04	3.74			
		1	15.00	5.45	6.15	5.80	0.04	3.48			
		1	4.60	6.15	6.10	6.13	0.04	1.13			
		1	15.00	5.20	5.20	5.20	0.04	3.12			
		1	15.00	5.20	5.55	5.38	0.04	3.23			
		1	15.00	5.55	5.85	5.70	0.04	3.42			
		1	15.00	5.85	5.70	5.78	0.04	3.47			
		1	15.00	5.70	6.10	5.90	0.04	3.54			
		1	15.00	6.10	5.05	5.58	0.04	3.35			
		1	14.10	5.05	4.60	4.83	0.04	2.72			
		1	14.60	5.20	5.70	5.45	0.04	3.18			
	Deduction for Manhole	-4			0.64		0.04	-0.10			
	4th B Cross (W1128)(L-171.45)	1	15.00	3.00	4.50	3.75	0.04	2.25			
		1	15.00	4.50	4.05	4.28	0.04	2.57			
		1	15.00	4.05	3.90	3.98	0.04	2.39			
		1	15.00	3.90	3.50	3.70	0.04	2.22			
		1	15.00	3.50	3.60	3.55	0.04	2.13			

125.34

SHRIRAMA Consulting Engineers Pvt. Ltd. Bangalore

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Sl No	Description of work	No	Dimensions					Qty	Unit	Rate	Amount
			L	B 1	B 2	B Avg	D				
		1	12.80	3.60	3.90	3.75	0.04	1.92			
		1	15.00	5.50	4.30	4.90	0.04	2.94			
		1	15.00	4.30	4.65	4.48	0.04	2.69			
		1	15.00	4.65	4.90	4.78	0.04	2.87			
		1	15.00	4.90	4.20	4.55	0.04	2.73			
		1	15.00	4.20	4.55	4.38	0.04	2.63			
		1	8.65	4.55	4.60	4.58	0.04	1.58			
	Deduction for Manhole	-5			0.64		0.04	-0.13			
	3rd B Cross (W1124)(L-82.35)	1	15.00	5.05	4.70	4.88	0.04	2.93			
		1	15.00	4.70	4.95	4.83	0.04	2.90			
		1	15.00	4.95	4.90	4.93	0.04	2.96			
		1	15.00	4.90	5.40	5.15	0.04	3.09			
		1	15.00	5.40	5.45	5.43	0.04	3.26			
		1	7.35	5.45	5.50	5.48	0.04	1.61			
	Deduction for Manhole	-2			0.64		0.04	-0.05			
	3rd A Cross (L-61.00)(W1124)	1	15.00	5.20	5.35	5.28	0.04	3.17			
		1	15.00	5.35	5.10	5.23	0.04	3.14			
		1	15.00	5.10	4.70	4.90	0.04	2.94			
		1	16.00	4.70	5.00	4.85	0.04	3.10			
	Deduction for Manhole	-1			0.64		0.04	-0.03			
	2nd B Cross (W1116) (L-70.50)	1	15.00	4.70	5.10	4.90	0.04	2.94			
		1	15.00	5.10	5.45	5.28	0.04	3.17			
		1	15.00	5.45	4.80	5.13	0.04	3.08			
		1	15.00	4.80	4.85	4.83	0.04	2.90			
		1	10.50	4.85	4.90	4.88	0.04	2.05			
	Deduction for Manhole				0.64		0.04	-0.05			
	2nd A Cross (W1116)(L-64.50)	1	15.00	4.40	4.70	4.55	0.04	2.73			
		1	15.00	4.70	4.80	4.75	0.04	2.85			
		1	15.00	4.80	5.05	4.93	0.04	2.96			
		1	15.00	5.05	6.95	6.00	0.04	3.60			
		1	4.50	6.95	7.00	6.98	0.04	1.26			
	Deduction for Manhole	-1			0.64		0.04	-0.03			
	5th B Cross (L-173.80)(W1132)	1	15.00	4.70	4.70	4.70	0.04	2.82			
		1	15.00	4.70	4.80	4.75	0.04	2.85			
		1	15.00	4.80	5.10	4.95	0.04	2.97			
		1	15.00	5.10	4.50	4.80	0.04	2.88			
		1	15.00	4.50	4.15	4.33	0.04	2.60			
		1	15.00	4.15	4.20	4.18	0.04	2.51			
		1	15.00	4.20	4.25	4.23	0.04	2.54			
		1	15.00	4.25	4.40	4.33	0.04	2.60			
		1	15.00	4.40	4.60	4.50	0.04	2.70			
		1	15.00	4.60	4.70	4.65	0.04	2.79			
		1	15.00	4.70	5.50	5.10	0.04	3.06			
		1	8.80	5.50	6.10	5.80	0.04	2.04			
	Deduction for Manhole	-6			0.64		0.04	-0.15			
	6th B Cross (L-197.50)(W1961)	1	15.00	5.50	4.70	5.10	0.04	3.06			
		1	15.00	4.70	5.05	4.88	0.04	2.93			
		1	15.00	5.05	4.00	4.53	0.04	2.72			
		1	15.00	4.00	4.50	4.25	0.04	2.55			
		1	15.00	4.50	4.40	4.45	0.04	2.67			
		1	15.00	4.40	4.50	4.45	0.04	2.67			

122.43

SHRIRAMA Consulting Bangalore

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Sl No	Description of work	No	Dimensions L	B 1	B 2	B Avg	D	Qty	Unit	Rate	Amount
		1	15.00	4.50	4.20	4.35	0.04	2.61			
		1	15.00	4.20	4.00	4.10	0.04	2.46			
		1	15.00	4.00	4.05	4.03	0.04	2.42			
		1	15.00	4.05	3.50	3.78	0.04	2.27			
		1	15.00	3.50	3.70	3.60	0.04	2.16			
		1	15.00	3.70	3.70	3.70	0.04	2.22			
		1	15.00	3.70	4.35	4.03	0.04	2.42			
		1	2.50	4.35	5.00	4.68	0.04	0.47			
	Deduction for Manhole	-6			0.64		0.04	-0.15			
	1st A gross (L-63.10)(W1112)	1	15.00	5.60	5.85	5.73	0.04	3.44			
		1	15.00	5.85	6.05	5.95	0.04	3.57			
		1	15.00	6.05	5.90	5.98	0.04	3.59			
		1	15.00	5.90	5.95	5.93	0.04	3.56			
		1	3.10	5.95	6.40	6.18	0.04	0.77			
	Deduction for Manhole	-1			0.64		0.04	-0.03			
	Main road (L-103.90)(W2001)	1	7.70	9.05	9.00	9.03	0.04	2.78			
		1	15.00	8.15	7.55	7.85	0.04	4.71			
		1	15.00	7.55	9.00	8.28	0.04	4.97			
		1	15.00	9.00	8.55	8.78	0.04	5.27			
		1	15.00	8.55	8.50	8.53	0.04	5.12			
		1	15.00	8.50	8.30	8.40	0.04	5.04			
		1	15.00	8.30	7.80	8.05	0.04	4.83			
		1	5.20	7.80	8.95	8.38	0.04	1.74			
		1	1.00	8.00	7.50	7.75	0.04	0.31			
	Deduction for Manhole	-3			0.64		0.04	-0.08			
	Beside Mazid (L-61.60) (W2011)	1	15.00	5.60	5.50	5.55	0.04	3.33			
		1	15.00	5.50	5.50	5.50	0.04	3.30			
		1	15.00	5.50	5.35	5.43	0.04	3.26			
		1	15.00	5.35	5.00	5.18	0.04	3.11			
		1	1.60	5.00	5.10	5.15	0.04	0.32			
	Deduction for Manhole	-1			0.64		0.04	-0.03			
	Extra Patch	1	0.45	0.60	0.60	0.60	0.04	0.01			
		1	0.45	5.55	5.55	5.55	0.04	0.10			
							Total	1097.77	Cum		
							BOQ QTY	1656.79			
							Previous Qty	0.00			
							To be Paid Now	1097.77		12189.40	13381216.66

28/3/23

Assistant Engineer
Ward No. 05

Assistant Executive Engineer
Byatarayanapura Sub Division

EMB - Measurement Continued Recorded On / /2023

16	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes. MORTH Specification No. 803 (PWD SR 21-22 Vol III Pg no 57 Item No 8.15)										
	3rd A Cross road (Petrol Bunk Road)(W0166) L-339.20M										
		2	15.00	0.10	0.10	0.10		3.00			

3.00

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Sl No	Description of work	No	Dimensions					Qty	Unit	Rate	Amount
			L	B 1	B 2	B Avg	D				
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.50	0.10	0.10	0.10		3.10			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	8.70	0.10	0.10	0.10		1.74			
	BSF STF Layout										
	Shirdi sai temple road (L-110.80)(W0032)										
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	5.80	0.10	0.10	0.10		1.16			
	MCEHS Layout										
	4th crs (L-75.60)										
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.60	0.10	0.10	0.10		3.12			
	5th crs (L-68.00)										
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	8.00	0.10	0.10	0.10		1.60			
	6th crs (L-108.10)	2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	3.10	0.10	0.10	0.10		0.62			
	2nd cross (L-125.50)										
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			

143.34

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Sl No	Description of work	No	Dimensions					Qty	Unit	Rate	Amount
			L	B 1	B 2	B Avg	D				
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	10.50	0.10	0.10	0.10		2.10			
		2	10.00	0.10	0.10	0.10		2.00			
	3rd crs (L-81.90)										
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	11.50	0.10	0.10	0.10		2.30			
		2	3.50	0.10	0.10	0.10		0.70			
		2	15.00	0.10	0.10	0.10		3.00			
		2	6.90	0.10	0.10	0.10		1.38			
	1st crs cross(Connecting road) (L-94.20)										
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	4.20	0.10	0.10	0.10		0.84			
	Vinayak Nagara										
	From 8th cross to 6th cross (L-79.55)	2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	4.55	0.10	0.10	0.10		0.91			
	Shivapur L Shape -1										
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	2.90	0.10	0.10	0.10		0.58			
		2	15.00	0.10	0.10	0.10		3.00			
		2	8.90	0.10	0.10	0.10		1.78			
	Shivapur L Shape -2										
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	9.90	0.10	0.10	0.10		1.98			
		2	15.00	0.10	0.10	0.10		3.00			
		2	12.85	0.10	0.10	0.10		2.57			
	Kuvempunagar										
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			

134.14

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Sl No	Description of work	No	Dimensions					Qty	Unit	Rate	Amount
			L	B 1	B 2	B Avg	D				
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	10.80	0.10	0.10	0.10		2.16			
		2	12.60	0.10	0.10	0.10		2.52			
	Royal Enclave										
	1st main road (W2151)										
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.70	0.10	0.10	0.10		3.14			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	12.30	0.10	0.10	0.10		2.46			
		2	18.20	0.10	0.10	0.10		3.64			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.95	0.10	0.10	0.10		3.19			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	6.80	0.10	0.10	0.10		1.36			
	2nd main road (W2149)										
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	16.20	0.10	0.10	0.10		3.24			
	5th cross road (W2178)										
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			

168.71

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SHRAMA Consulting Engineers Pvt. Ltd. Bangalore

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Sl No	Description of work	No	Dimensions					Qty	Unit	Rate	Amount
			L	B 1	B 2	B Avg	D				
		2	15.00	0.10	0.10	0.10		3.00

Sl No	Description of work	No	Dimensions					Qty	Unit	Rate	Amount
			L	B 1	B 2	B Avg	D				
	Kalidasa Layout										
	Cross road 1 (W0347)										
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	10.20	0.10	0.10	0.10		2.04			
	Cross road 2 (W0347)	2	15.00	0.10	0.10	0.10		3.00			
		2	12.90	0.10	0.10	0.10		2.58			
	Bhagat Enclave										
	Cross road 1										
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	4.80	0.10	0.10	0.10		0.96			
	Basavalingappa layout										
	1st B Cross										
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	9.80	0.10	0.10	0.10		1.96			
	Ro Plant road										
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	4.60	0.10	0.10	0.10		0.92			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	14.10	0.10	0.10	0.10		2.82			
		2	14.60	0.10	0.10	0.10		2.92			
	4th B Cross	2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	12.80	0.10	0.10	0.10		2.56			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	8.65	0.10	0.10	0.10		1.73			
	3rd B Cross	2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	7.35	0.10	0.10	0.10		1.47			

142.96

SHRAMA Consulting Engineers Pvt. Ltd. Bangalore

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Sl No	Description of work	No	Dimensions L	B 1	B 2	B Avg	D	Qty	Unit	Rate	Amount
	3rd A Cross	2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	16.00	0.10	0.10	0.10		3.20			
	2nd B Cross	2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	10.50	0.10	0.10	0.10		2.10			
	2nd A Cross	2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	4.50	0.10	0.10	0.10		0.90			
	5th B Cross	2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	8.80	0.10	0.10	0.10		1.76			
	6th B Cross	2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	2.50	0.10	0.10	0.10		0.50			
	1st A cross	2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	3.10	0.10	0.10	0.10		0.62			
	Main road	2	7.70	0.10	0.10	0.10		1.54			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	5.20	0.10	0.10	0.10		1.04			
		2	1.00	0.10	0.10	0.10		0.20			
	Beside Mazid (L-61.60)	2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			
		2	15.00	0.10	0.10	0.10		3.00			

155.86

SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

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Sl No	Description of work	No	Dimensions L	B 1	B 2	B Avg	D	Qty	Unit	Rate	Amount
		2	15.00	0.10	0.10	0.10		3.00			
		2	1.60	0.10	0.10	0.10		0.32		3.32	
							Total	913.88	Sqm		
							BOQ QTY	1385.52			
							Previous Qty	0.00			
							To be Paid Now	913.88			
							Upto 100%	913.88		505.30	461783.56
							Upto 125%				
							Above 125%				

10/4/23

Assistant Engineer
Ward No. 05

Assistant Executive Engineer
Byatarayanpura Sub Division

EMB - Measurement Continued Recorded On : / /2023

17	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:5:10 (M 5.0) Using 40 mm nominal size graded crushed coarse aggregates(Specification No. 2.1.1 PWD SR 2021-22 Vol -I P.No.50)										
	Vide Total Executed Qty From Pre Measurement Pg No:64-67 68 - 69							564.52			
							Total	564.52	Cum		
							BOQ QTY	634.80			
							Previous Qty	0.00			2969432.00
							To be Paid Now	564.52		5260.10	2969418.68

Assistant Engineer
Ward No. 05

Assistant Executive Engineer
Byatarayanpura Sub Division

EMB - Measurement Continued Recorded On : / /2023

18	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete MORTH Specification No.1501 . as per the directions of the Engineer-in-charge of the work. (PWD SR 2021-22 Vol -III Pg 138 item no 20.29)										
	CC Roads										
	Cross road 1										
		1	12.00	4.55	3.70	4.13	0.15	7.43			
	Cross road 2										
		1	15.40	4.00	3.80	3.90	0.15	9.01			
	Cross road 3										
		1	15.05	5.00	5.25	5.13	0.15	11.57			
	Cross road 4 (L-25.30)										
		1	15.00	6.60	4.25	5.43	0.15	12.21			
		1	10.30	4.25	3.55	3.90	0.15	6.03			

46.25

RAMA Consulting Engineers Pvt. Ltd. Bangalore

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Scanned by CamScanner

Sl No	Description of work	No	Dimensions L	B 1	B 2	B Avg	D	Qty	Unit	Rate	Amount
	Main Road LHS										
	Cross road 1										
		1	12.70	5.50	3.70	4.60	0.15	8.76			
	Cross road 2 (L-34.20)										
		1	15.00	3.80	4.95	4.38	0.15	9.84			
		1	11.80	4.95	4.20	4.58	0.15	8.10			
		1	7.40	4.20	3.00	3.60	0.15	4.00			
	Cross road 3 (L-21.50)										
		1	15.00	3.50	3.80	3.65	0.15	8.21			
		1	6.50	3.80	4.50	4.15	0.15	4.05			
	Cross road 4										
		1	6.30	3.00	3.40	3.20	0.15	3.02			
	W0287 (L-154.90)										
		1	13.85	4.35	6.20	5.28	0.15	10.96			
		1	15.90	3.15	3.70	3.43	0.15	8.17			
		1	15.00	2.80	2.75	2.78	0.15	6.24			
		1	15.00	2.75	4.05	3.40	0.15	7.65			
		1	15.00	4.05	4.85	4.45	0.15	10.01			
		1	15.00	4.85	4.70	4.78	0.15	10.74			
		1	15.00	4.70	4.50	4.60	0.15	10.35			
		1	15.00	4.50	4.00	4.25	0.15	9.56			
		1	15.00	4.00	4.30	4.15	0.15	9.34			
		1	15.00	4.30	4.60	4.45	0.15	10.01			
		1	15.15	4.60	5.80	5.20	0.15	4.02			
	Ramp	1	1.25	3.05	3.00	3.03	0.10	0.38			
	W0136 (L-25.00)										
		1	15.00	2.00	2.65	2.33	0.15	5.23			
		1	10.00	2.65	4.00	3.33	0.15	4.99			
	W0287 (L-123.40)										
		1	15.00	4.00	5.00	4.50	0.15	10.13			
		1	15.00	5.00	4.60	4.80	0.15	10.80			
		1	15.00	4.60	5.95	5.28	0.15	11.87			
		1	15.00	5.95	4.80	5.38	0.15	12.09			
		1	15.00	4.80	4.20	4.50	0.15	10.13			
		1	15.00	4.20	4.90	4.55	0.15	10.24			
		1	15.00	4.90	4.60	4.75	0.15	10.69			
		1	7.00	4.60	4.75	4.68	0.15	4.91			
		1	11.40	5.70	5.40	5.55	0.15	9.49			
	W0297 (L-69.20)										
		1	15.00	3.75	3.70	3.73	0.15	8.38			
		1	15.00	3.70	3.70	3.70	0.15	8.33			
		1	15.00	3.70	3.80	3.75	0.15	8.44			
		1	15.00	3.80	3.20	3.50	0.15	7.88			
		1	9.20	3.20	4.30	3.75	0.15	5.18			
	W0168 (L-23.30)										
		1	12.20	3.65	4.15	3.90	0.15	7.14			
		1	11.10	4.95	4.60	4.78	0.15	7.95			
	Road Near Kalidasa layout (L-59.80)										
		1	15.00	4.05	4.30	4.18	0.15	9.39			
		1	15.00	4.30	3.70	4.00	0.15	9.00			
		1	15.00	3.70	3.15	3.43	0.15	7.71			
		1	14.80	3.15	3.20	3.18	0.15	7.05			
	Manhole	-2		0.64			0.15	-0.19			
	Dwaraka Nagar										

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SHRAMA Consulting Engineers Pvt. Ltd. Bangalore

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Sl No	Description of work	No	Dimensions					Qty	Unit	Rate	Amount
			L	B 1	B 2	B Avg	D				
	2nd cross (L-119.20)(W0007)	1	15.00	4.40	3.50	3.95	0.15	8.89			
		1	15.00	3.50	3.40	3.45	0.15	7.76			
		1	15.00	3.40	3.15	3.28	0.15	7.37			
		1	1.30	3.15	3.70	3.43	0.15	0.67			
		1	11.30	4.10	4.80	4.45	0.15	7.54			
		1	15.00	4.10	3.65	3.88	0.15	8.72			
		1	15.00	3.65	4.20	3.93	0.15	8.83			
		1	15.00	4.20	4.20	4.20	0.15	9.45			
		1	15.00	4.20	4.30	4.25	0.15	9.56			
		1	15.00	4.30	4.70	4.50	0.15	10.13			
		1	15.00	4.70	3.80	4.25	0.15	9.56			
		1	15.00	3.80	3.60	3.70	0.15	8.33			
		1	14.20	3.60	3.45	3.53	0.15	7.51			
	Deduction for Manhole	-2			0.64		0.15	-0.19			
	1st cross L-(W0005)	1	15.00	3.30	3.00	3.15	0.15	7.09			
		1	15.00	3.00	3.15	3.08	0.15	6.92			
		1	3.50	3.15	2.75	2.95	0.15	1.55			
	Dwarka Nagar cross (L-54.00)	1	15.00	6.15	6.35	6.25	0.15	14.06			
		1	15.00	6.35	6.10	6.23	0.15	14.01			
		1	15.00	6.10	6.15	6.13	0.15	13.78			
		1	9.00	6.15	6.00	6.08	0.15	8.20			
	Kattigenhalli cross 1 (L-33.20)	1	15.00	6.20	5.75	5.98	0.15	13.44			
		1	15.00	5.75	5.60	5.68	0.15	12.77			
		1	3.20	5.60	5.55	5.58	0.15	2.68			
	Kattigenhalli cross 2 (L-32.20)	1	15.00	5.00	4.65	4.83	0.15	10.86			
		1	15.00	4.65	4.50	4.58	0.15	10.29			
		1	12.20	4.50	4.60	4.55	0.15	8.33			
	Basavalingappa Layout Cross road LHS (opposite of W1969) (L-27.90)										
		1	15.00	2.05	2.40	2.23	0.15	5.01			
		1	12.90	2.40	2.50	2.45	0.15	4.74			
	Cross road RHS (W1973) (L-77.00)										
		1	15.00	3.90	3.20	3.55	0.15	7.99			
		1	15.00	3.20	3.10	3.15	0.15	7.09			
		1	15.00	3.10	3.10	3.10	0.15	6.98			
		1	15.00	3.10	3.50	3.30	0.15	7.43			
		1	17.00	3.50	2.85	3.18	0.15	8.10			
	Deduction for Manhole	-2			0.64		0.15	-0.19			
	Cross road RHS (L-94.80)										
		1	15.00	3.60	3.50	3.55	0.15	7.99			
		1	15.00	3.50	3.20	3.35	0.15	7.54			
		1	15.00	3.20	3.00	3.10	0.15	6.98			
		1	15.00	3.00	3.20	3.10	0.15	6.98			
		1	15.00	3.20	2.85	3.03	0.15	6.81			
		1	15.00	2.85	3.00	2.93	0.15	6.58			
		1	4.80	3.00	3.20	3.10	0.15	2.23			
	Deduction for Manhole	-3			0.64		0.15	-0.29			
	Cross road LHS (L-24.20)										
		1	15.00	3.00	3.40	3.20	0.15	7.20			
		1	9.20	3.40	3.50	3.45	0.15	4.76			

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SHRAMA Consulting Engineers Pvt. Ltd. Bangalore

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Sl No	Description of work	No	Dimensions L	B 1	B 2	B Avg	D	Qty	Unit	Rate	Amount
	Cross road LHS (W1977) (L-23.90)										
		1	15.00	3.30	3.40	3.35	0.15	7.54			
		1	8.90	3.40	3.30	3.35	0.15	4.47			
	Cross road RHS (W1977) (L-93.80)										
		1	15.00	3.30	2.65	2.98	0.15	6.69			
		1	15.00	2.65	2.45	2.55	0.15	5.74			
		1	15.00	2.45	2.20	2.33	0.15	5.23			
		1	15.00	2.20	2.30	2.25	0.15	5.06			
		1	15.00	2.30	2.30	2.30	0.15	5.18			
		1	15.00	2.30	2.00	2.15	0.15	4.84			
		1	3.80	2.00	2.00	2.00	0.15	1.14			
	Deduction for Manhole	-3		0.64			0.15	-0.29			
	Cross road RHS (W1979) (L-64.00)										
		1	16.00	1.25	1.15	1.20	0.15	2.88			
		1	15.00	2.40	2.25	2.33	0.15	5.23			
		1	15.00	2.25	1.90	2.08	0.15	4.67			
		1	15.00	1.90	1.95	1.93	0.15	4.33			
		1	3.00	1.95	1.95	1.95	0.15	0.88			
	Deduction for Manhole	-2		0.64			0.15	-0.19			
	Cross road RHS (W1981) (L-23.80)										
		1	15.00	3.00	2.95	2.98	0.15	6.69			
		1	8.80	2.95	2.90	2.93	0.15	3.86			
	Cross road RHS (W1981) (L-57.00)										
		1	15.00	2.85	2.85	2.85	0.15	6.41			
		1	15.00	2.85	3.05	2.95	0.15	6.64			
		1	15.00	3.05	3.00	3.03	0.15	6.81			
		1	12.00	3.00	3.05	3.03	0.15	5.45			
	Deduction for Manhole	-2		0.64			0.15	-0.19			
	Telecom layout										
	12th cross road (W2113) (L-59.60)										
		1	15.00	7.40	6.70	7.05	0.15	15.86			
		1	15.00	6.70	7.20	6.95	0.15	15.64			
		1	15.00	7.20	7.20	7.20	0.15	16.20			
		1	14.60	7.20	6.75	6.98	0.15	15.28			
	Deduction for Manhole	-4		0.64			0.15	-0.38			
							Total	870.09	Cum		
							BOQ QTY	1062.30			
							Previous Qty	0.00			
							To be Paid Now	870.09		7227.40	6288516.37

30/4/23

Assistant Engineer
Ward No. 05

Assistant Executive Engineer
Byatarayanapura Sub Division

Scanned by CamScanner

Sl No	Description of work	No	Dimensions					Qty	Unit	Rate	Amount
			L	B 1	B 2	B Avg	D				
19	Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 10 km = 180 t.km (PWD SR 2021-22 Vol-III Page No.3. Item No.1.4A)										
	Item No. 19 Vide Total Executed Qty From Pre Measurement Pg No:68 & 69							11174.56			
							Total	11174.56	Cum		
							BOQ QTY	13886.48			
							Previous Qty	0.00			
							To be Paid Now	11174.56			.84
							Upto 100%	11174.56		101.50	1134217.95
							Upto 125%				
							Above 125%				

Assistant Engineer
Ward No. 05

Assistant Executive Engineer
Byatarayanpura Sub Division

59815609.25	Sub Total	59815751.21
10766809.67	GST 18%	10766835.22
70582419.37	Grand Total	70582586.43
70582000.00	Round off	

Assistant Engineer
Ward No.05

Assistant Executive Engineer
Byatarayanpura Sub Division

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